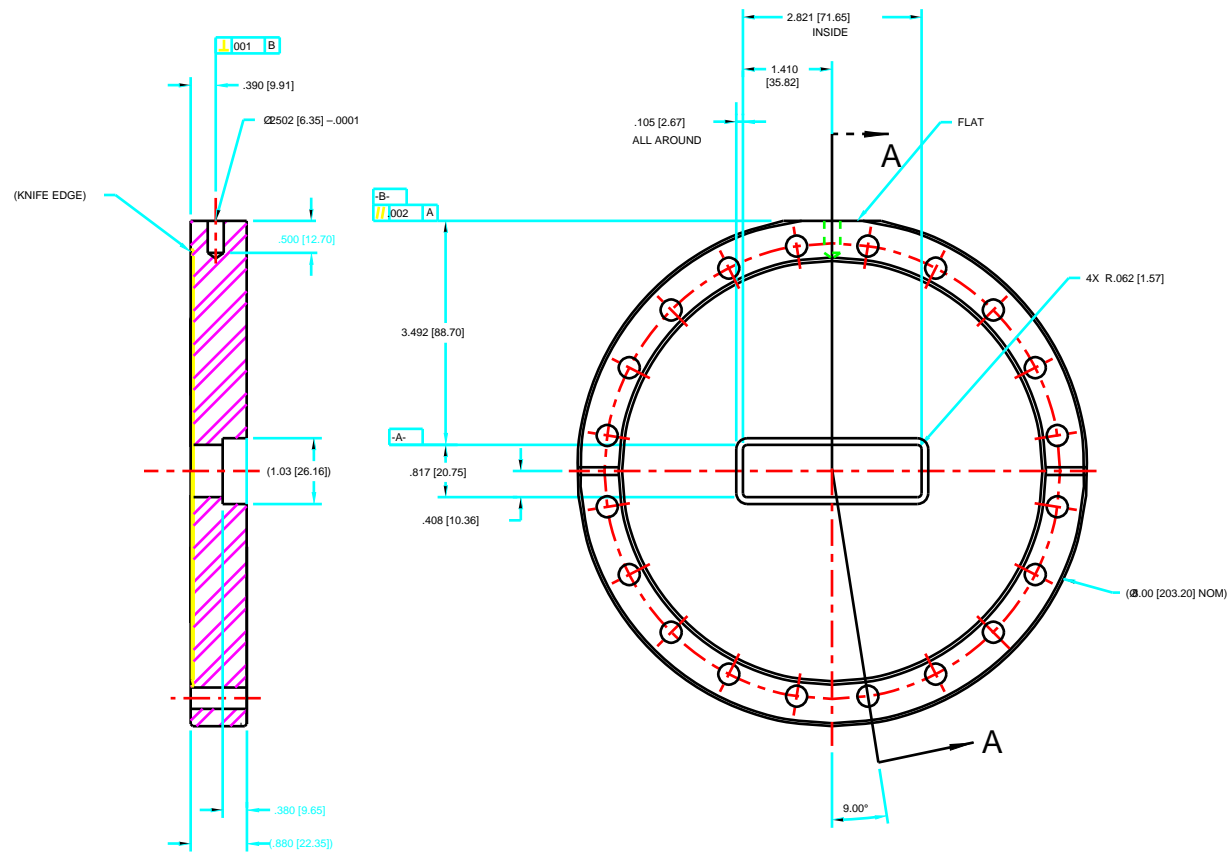


(P)	PLOT SCALE: 1=1	DWG. SCALE: 1	
-----	-----------------	---------------	--

8 7 6 5 4 3 2 1



SECTION A-A

NOTES:

1. MAKE FROM MDC'S NON-ROTATABLE 8" O.D. NOM. BLANK FLANGE CAT. # 110030
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
3. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
4. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. DIMENSIONS IN [] ARE MILLIMETERS

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<p>UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMALS ANGULARS X .125 (3.18) .125 XX .005 (0.13) .005 XXX .001 (0.025) .001</p> <p>SURFACE ROUGHNESS 125</p> <p>REMOVE ALL BURRS AND BREAK SHARP EDGES (R&M)</p> <p>SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST AMS 941</p> <p>DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ASME Y14.5</p> <p>DO NOT SCALE DRAWING</p>				
<p>LOG NUMBER A2262700</p> <p>DRAWN BY CORCUERA</p> <p>DATE 4/25/95</p> <p>DESIGNED BY T. SANCHEZ</p> <p>DATE 4/28/95</p> <p>DESIGNER SANCHEZ/CORCUERA</p> <p>PROJECT MGR. T. SANCHEZ</p> <p>APPROVED/RELEASED T. SANCHEZ</p> <p>MATERIAL SEE NOTE #1</p>		<p>THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY</p> <p>TITLE ADVANCED PHOTON SOURCE</p> <p>U2 TRANSITION PIPE 1-ID-B END FLANGE</p> <p>DRAWING NUMBER P4105090602-310102-00</p>		
<p>SCALE 1=1</p> <p>SHEET 1 of 1</p>		<p>DATE 4/28/95</p> <p>BY T. SANCHEZ</p> <p>CHKD T. SANCHEZ</p> <p>DATE 4/28/95</p>		

8 7 6 5 4 3 2 1